

Anti-Fractin Antibody

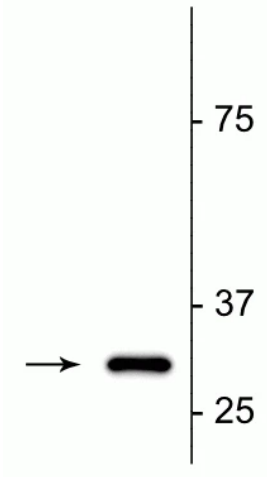


Product Details

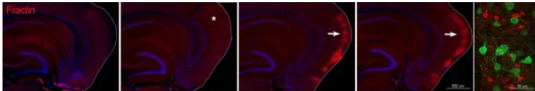
Available Variants	100 µL (SKU:592-FRAC) 25 µL (SKU:592-FRACt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	fragment of Actin
Host Species	Rabbit
Format	Neat Serum
Physical State	Liquid
Buffer	Neat Serum
Production Notes	Neat Serum
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:50-1:1000 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region of the 32 kDa actin fragment.
Specificity	Specific for endogenous levels of the ~32 kDa fractin protein. Shows no reactivity toward intact actin. There is often a ladder of smaller bands in cells or culture or in vivo preparations due to further degradation by other proteases. In IHC the antibody detects the processes and cell bodies of degenerating neurons and plaque-associated microglia in Alzheimer's disease.
Molecular Weight	32 kDa
Quality Control	Western blots performed on each lot.

Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492097
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot of colchicine treated Sy5y cell lysate showing specific immunolabeling of the ~32 kDa cleaved actin fragment (fractin).



Fractin (Cat. 592-FRAC, 1:5000; red) immunostaining of mouse brain signifying the emergence of damaged/dying neurons in entorhinal cortex (EC). Nuclei stained with DAPI (blue). Final image shows fractin+ cells (red) among YFP+ cells (green) at 7 dpi. Image from publication CC-BY-4.0. [PMID:36468693](https://pubmed.ncbi.nlm.nih.gov/36468693/)

Product Page URL: www.antibodiesinc.com/products/anti-fractin-antibody-592-frac

